Fuel Polisher
P510MAM

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ENGINEERING YOUR SUCCESS.
System Schematics

FUEL POLISHING

If fuel tank is above filter, head pressure should not exceed maximum PSI of filter.

Install a shut-off valve when fuel tank is higher than filter.

Fuel Tank (Pressure Side Installation)

Install a check valve (with light or no restriction) when fuel tank is lower than filter to maintain prime.

Fuel Tank (Ideal Vacuum Side Installation)

Fuel Tank (Vacuum Side Installation)

If fuel tank is below filter, do not exceed 5’ (1.5m) of lift or 4 inHg of inlet piping restrictions.

7 amp fuse

To 12 or 24 volt electrical power
System Schematics

FUEL DELIVERY

Fuel Tank
(Pressure Side Installation)

If fuel tank is above filter, head pressure should not exceed maximum PSI of filter.

Install a shut-off valve when fuel tank is higher than filter.

Fuel Tank
(Ideal Vacuum Side Installation)

Install a check valve (with light or no restriction) when fuel tank is lower than filter to maintain prime.

Fuel Tank
(Vacuum Side Installation)

If fuel tank is below filter, do not exceed 5’ (1.5m) of lift or 4 inHg of inlet piping restrictions.

7 amp fuse

To 12 or 24 volt electrical power

Engine
System Schematics

**FUEL TRANSFER**

- If fuel tank is above filter, head pressure should not exceed maximum PSI of filter.
- Install a shut-off valve when fuel tank is higher than filter.
- Install a check valve (with light or no restriction) when fuel tank is lower than filter to maintain prime.
- If fuel tank is below filter, do not exceed 5' (1.5m) of lift or 4 inHg of inlet piping restrictions.

To 12 or 24 volt electrical power
When and Why to install

• Fuel sitting for too long
• Questionable quality fuel
• Out at sea for long stretch
• Equipment has been idle or in storage
• Maximize uptime during peak season
Where to Install

- Marine
- Heavy Duty Construction
- Fuel polishing
- Power Generation
- Remote location equipment
- “Less Regulated Countries” – poor fuel quality
- Full time fuel delivery
Design

- 26 PSI pressure regulation
- 250 lph flow
- All aluminum body and bowl
- Stainless steel WIF
- Completed UL 1105
  - 2.5 min fire shock test
- Includes:
  - Pump/Filter assembly
  - Wire Harness with power switch
  - Bracket
  - Instructions

Pump can be used in 12V and 24V applications

22 PSI (151 kPa) Dead head pressure (internally regulated)

2, 10 and 30 micron replacement filters available

Heavy duty construction with durable powder coated surface

Stainless steel WIF available with 0K resistance
Customer Benefits

• Decrease Equipment Maintenance Cost
  • Choked primary and secondary filters lead to equipment down line, loss of performance, and potential equipment damage

• Decrease Operating Cost
  • Decrease service internal of filters. Remove contamination before it reaches the fuel system and chokes filters

• Improve Equipment Fuel Quality
  • Dry fuel draws in water through overnight condensation, drawing in moist air. Fuel polishing will remove free water in fuel